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_				Cys				Pro					Leu	aag Lys		336
_			Met	_		_	Glu	_	_			Val		ttg Leu		384
		Lys				Pro					Gln			gag Glu		43 2
	Thr				Glu					Asp				gga Gly 160		1 80

gac 1 Asp 1																	528
ggt a																	576
ttt (Phe															gtc Val		624
		_										gcc Ala					672
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_		Thr	_				Asn					Asn		_	ctt Leu		912
		_			_	Lys		-			· Ile	_			ccc Pro 320		960

tac Tyr																1008
1,1		561		325	г				330					335	-	
aaa Lys	_															1056
ĺ			340					.345					350			
														gat		1104
Glu	Inr	355	Pro	irp	Lys	GIU	360	Arg	116	cys	11°p	365	ser	Asp	1111	
_	-													gga Gly		1152
Arg	370	GIY	GIU	пъ	Leu	375	nsp	1 9 1	1115	110	380	11.0	Lys	01,	Lea	
														ccc Pro		1200
385	, ,	ΛIA	1111	Oly	390	Ber	OI	1113	O1,	395	2,0	1110	200	,	400	
															ctt Leu	1248
				405					410					415		
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		435	,				440)			-	445	5	-	<u> </u>	
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Asp Ala Ala Ser Val Asp Ser Ser Arg Ile Val Arg Ala Asp Tyr Ser 50 55 60

Asp Pro Tyr Tyr Ala Ala Leu Ala Ala Glu Ala Gln Lys Glu Trp Arg 65 70 75 80

Lys Gln Gly Asp His Glu Val Gly Gly Gln Gly Arg Tyr Ser Glu Ser 85 90 95

Gly Phe Val Leu Cys Ala Ser Glu Thr Pro Glu Asp Phe Lys Leu Lys 100 105 110

Lys Ser Gly Met Asp Tyr Thr Lys Glu Ser Ala Lys Asn Val Glu Leu 115 120 125

Ile Ala Lys Glu Thr Gly Leu Pro Val Asp Lys Ile Gln Lys Leu Glu 130 135 140

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 - Tyr Thr Ser Arg Asn Asp Ser Ser Asn Pro Leu Thr Val Glu Ala Asp 325 330 335

Lys Asp Leu Arg Arg Ala Leu Thr Asp Leu Cys Pro Ile Arg Gly Leu 340 345 350

Glu Thr Arg Pro Trp Lys Glu Ala Arg Ile Cys Trp Tyr Ser Asp Thr 355 360 365

Arg Asp Gly Glu Trp Leu Ile Asp Tyr His Pro Gly Trp Lys Gly Leu 370 375 380

Phe Val Ala Thr Gly Asp Ser Gly His Gly Phe Lys Phe Leu Pro Asn 385 390 395 400

Leu Gly Glu Lys Ile Val Asp Val Met Gln Gly Gln Gly Lys Leu
405 410 415

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Glu Thr Asn Gly Val Tyr Thr Gly Leu Val Thr Glu Asp Gly Ser Arg
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gtt ggt ggc gga act tgg gga tgc tca act gcc ctc cat ctc gcc	
Val Gly Gly Gly Thr Trp Gly Cys Ser Thr Ala Leu His Leu Ala	Arg
20 25 30	
	+ 144
cgg ggt tac acc acc gtc act gtt ctc gat gtc aat cgc atc ccg	
Arg Gly Tyr Thr Asn Val Thr Val Leu Asp Val Asn Arg Ile Pro 35 40 45	Ser
35 40 45	
ccg ata tca gcc ggg cat gat gta aac aaa ctt tcl aac aga cta	ggc 192
Pro Ile Ser Ala Gly His Asp Val Asn Lys Leu Ser Asn Arg Leu	
50 55 60	01)
30 33	
act tet gat agt aaa gge gat gae gaa gae tea ate tgg aaa get	ctt 240
Thr Ser Asp Ser Lys Gly Asp Asp Glu Asp Ser Ile Trp Lys Ala	
65 70 75 ·	80
acg tac gcc gca gct caa gga tgg ctc cat gat ccc atc ttc caa	cct 288
Thr Tyr Ala Ala Ala Gln Gly Trp Leu His Asp Pro Ile Phe Gln	
85 90 95	
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ttc tgc cac aat aca gga gct gtc atg gct ggc tca aca cca aaa	tct 336
Phe Cys His Asn Thr Gly Ala Val Met Ala Gly Ser Thr Pro Lys	Ser
100 105 110	
atc aag cag ctg gta gaa gat gag atc ggt gac gac atc gac cag	
Ile Lys Gln Leu Val Glu Asp Glu Ile Gly Asp Asp Ile Asp Gln	Tyr
115 120 125	
aca cct ctc aac aca gca gaa gat ttc aga agg act atg ccg gag	
Thr Pro Leu Asn Thr Ala Glu Asp Phe Arg Arg Thr Met Pro Glu	1 Arg
130 135 140	

att Ile 145	_															480
ggt Gly													ttt Phe 175			528
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Arg Gly Tyr Thr Asn Val Thr Val Leu Asp Val Asn Arg Ile Pro Ser 35 40 45

Pro Ile Ser Ala Gly His Asp Val Asn Lys Leu Ser Asn Arg Leu Gly 50 55 60

Thr Ser Asp Ser Lys Gly Asp Asp Glu Asp Ser Ile Trp Lys Ala Leu 65 70 75 80

Thr Tyr Ala Ala Gln Gly Trp Leu His Asp Pro Ile Phe Gln Pro 85 90 95

Phe Cys His Asn Thr Gly Ala Val Met Ala Gly Ser Thr Pro Lys Ser 100 105 110

Ile Lys Gln Leu Val Glu Asp Glu Ile Gly Asp Asp Ile Asp Gln Tyr
115 120 125

Thr Pro Leu Asn Thr Ala Glu Asp Phe Arg Arg Thr Met Pro Glu Arg 130 135 140

Ile Leu Thr Gly Asp Phe Leu Gly Trp Lys Gly Phe Tyr Lys Pro Arg 145 150 155 160

Gly Ser Gly Trp Val His Ala Arg Lys Ala Met Lys Ala Ala Phe Glu 165 170 175

- Glu Ser Gln Arg Leu Gly Val Lys Phe Ile Thr Gly Ser Pro Glu Gly 180 185 190
- Lys Val Glu Ser Leu Val Phe Glu Ala Gly Asp Val Lys Gly Ala Lys 195 200 205
- Thr Ala Asp Gly Lys Glu His Arg Ala Asp Arg Thr Ile Leu Ser Ala 210 215 220
- Gly Ala Ser Ala Glu Phe Ser Leu Asp Phe Glu Asn Gln Ile Arg Pro 225 230 235 240
- Thr Ala Trp Thr Leu Gly His Ile Gln Met Thr Ala Glu Glu Thr Lys
 245 250 255
- Leu Tyr Lys Glu Leu Pro Pro Leu Phe Asn Ile Asn Gln Gly Phe Phe 260 265 270
- Met Glu Pro Asp Glu Asp Leu His Gln Leu Lys Met Cys Asp Glu His 275 280 285
- Pro Gly Tyr Cys Asn Trp Val Asp Lys Pro Gly Ser Lys Tyr Pro Gln 290 295 300
- Ser Ile Pro Phe Ala Lys Tyr Gln Val Pro Ile Glu Ala Glu Arg Arg 305 310 315 320
- Met Lys Gln Phe Leu Lys Asp Ile Met Pro Gln Leu Ala Asp Arg Pro 325 330 335
- Leu Val His Ala Arg Ile Cys Trp Cys Ala Asp Thr Gln Asp Arg Met 340 345 350
- Phe Leu Ile Thr Tyr His Pro Arg His Pro Ser Leu Val Ile Ala Ser 355 360 365
- Gly Asp Cys Gly Thr Gly Tyr Lys His Ile Thr Ser Ile Gly Lys Phe 370 375 380

Ile Ser Asp Cys Met Glu Gly Thr Leu Glu Glu Arg Phe Ala Lys Phe 385 390 395 400

Trp Arg Trp Arg Pro Glu Lys Phe Thr Glu Phe Trp Gly Lys Asp Pro 405 410 415

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Cys Asn Arg Ala Tyr Gly Ala 20

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Val Ala Thr